## CU PowerPC Update

**Take it** Macs.

e on disk, details inside.

The latest development

Willennium Bud Is your Amiga safe

Inside Doom Levels XDVE. ST Fax Siamese, PPaint

C Programming Internet, Scale









best points of the Arnigs. It works a lot better then you'd think tool Also this receth we investigate the orninous Millennium Bug and ask what it

view of the future. Oh, and by the wee, yee're reading what is now the Worki's

### Take it to the Mace





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All the latest developments on Amiga scene, plus Stateside, Advertisers Index

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Personal Paint 6.6 Amiga C Programming Book Issues Not God Surf of the Month

> Wired World Scala Tutorial Sound Lab

Backshat Subscriptio Points of Vier Techno Tragedias



AMIGA 14 Super CD-ROM 21

18 ShapeShifter











### A1200 Accelerators Cards www.powerc.com VIPER MIXI 40MHZ 030 BUZZARO 1260 MKV BUIZZARO KOSE PRI POWER PC ACCELERATER CARD BUZZARO 1230 MKW A600 Accelerator Card APOLLO 68060 POAGO A500 Accelerator Card CYBERSTORM POWERPC SPECIAL FPU PRICES DOMES COLUMNS AND ASSESSED. 50M42 £29 (PGA) Memory Simms NEW! IDE-Fix '97 NEW! ONLY 630.95 POWER DIGITAL CAMERA MANAGE MARCH 1998





# phase 5 seek OS license

**PCI** Possibilities

5 to produce Amiga clone?



PowerUP powers up

Spring Blizzards The first version of the Efficant/PPC

## **World of Amiga**





Openscape forms

Siamese Alpha systems

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## AAA Awards News About to Professor The Adapting and The A

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### Stateside News

### Access America

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Nova Design announces ImageFX 3

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### Digital Universe doubts

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The Digital
Universe

## Super CD-ROM 21



Welcome to CUCD21. It's full of programs, games, utilities, mod and a host of other goodies. If

you don't yet have a CD drive, to is your reason to buy one. Price have never been lower and 6508 of quality software each month just too good to miss out on.

### How much of whi

laking the most of CUCD2

ered Workbench. If you boot from the CD, everything is a

Fig. CO. bit if pile piles up various assigns and paths needed by

toly and can be reversed by running holico again.

Your own custom CD

In the past you had to use whatever the viewers we set up on the CD. It been had to work with all Amejors they view quite limited. From CUCD decided to allow you to specify how the CD should work on your Aways

specify which pregnant you want to use to handle each type of file, go coed seem; can view pictures in full 24 bit colour. PrejectOb seem our to mid-likes through their mid-coed and people with sound cards can to mode with an ARI module plays. It also insers we were able to you

Once you have rui COheti, your setting will be seved to your hand and will be used every time you use this CO or any other CUCD. Series people had problems with the original use of Elec, partly then

orn us. All loons now use CLCCOde as their default suct, and the pier problems should be a thing of the past. If you do have any mis, make sure you have run sieCO.

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The present of the first fill great and confidence of the Commission of the commissi

full Configuration







### mes GuidDoom

Online WebTV

Utilities/DerPrefs

Graphics/P96Speed







We've got bored of giving aw free software, so this month of are giving something slightly of ferent - a whole new compute This harmless looking pair of disks are all you need to take



## DISKS peShifter

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A FELL BOD



### Stuffit Expander Az indispensible to life: uners es-

### ResEdit

The was to read PCF files, harving

A simply prindous to department

Network

Speeding up video



### IPEGView

Graphic Convertes

Chuck's Printer

IN OR HAY BOOK STREET, &

S = V

E45----Section 1





2. Use Stuffit Expander on the Mac and convert the SeveROBL has program into SeveROBL Stuffit should bandle this for you brage" to your MIS-DOS flappy slink. If you DO see the word "MCHI", it means that this ROM will not be appropriate hir 4. Take the disk back to your Amigo, and pop it to. Copy the file you just saved into the Shapeshifter directory on your hard

... and how we do it

What you'll need





Funcing the readers enulation (Shapeshifter and Fusion) doesn't take a lot of hardware to get started, although the more the Minimal recommended system: 68636/25 or burter, 1690b EAM, 10090b tree band drive space, AGA or prophics cand Preferred system: 68008.50 or better, 16Mb RAM, 208Mb line hard slrive space, ACA, Graffel or graphics rand, high domits flop

A standard Amiga Eucoy drive, as found an most machines ascept the A4000 dealtop and some A3000s, helds 8000 of data, or

Not having access to Mac Reppies very significantly limit your access to Mac software. You can use the Calumanal board to

You're now done

### Mad Mace

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Maca prover

.bestification



Acress to the Adobe Acrobat POF



### Mac in a minute





The Future



Jason Cumpton

## Power pdate

At last the decision has been made. We take a look at the consequences of the choice by Amiga Inc to officially 680x0 and PPC dual processor solution.





screenhed to reado sering of the appropriate

The Emulation can

Attitect Cybergraphics Execute PPC

### PPC for the masses

Developer issues

W Darrie



miga Millennium Bugs



PC neoblems

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## PowerPC Winners

Doing our bit to push the Amiga on to its PowerPC future, we set a challenge to all non-commercial coders to send us their latest creations, with the promise of five PowerUP cards donated by phase 5 for the winning entrants.

Part of the deal is that the winners take their original 680x0 programs and develop them for PowerPC. We had a good response with a very wide range of entries from which we've now picked the winners, each of which will soon be in receipt of one of those

lovely PowerUP accelerators. So, on with the show...

Wanser
Title: PlayHD







Title: LightWave particle anima scription: Particle plup-in for







Description: Web page design Authors: Pedro Luis Mieza & Josep





litle: Cydonia Description: 3D Doom-type gr Authors: T Till & S Hewitt



Honourable mention...

named a format about this assest of the competition and







1998 RELEASES

Dossent arrives!
Indicate your land arrives!
Indicate your land to Doom, Franks surged the survivor code for their excellent 30
Doom downing a sing hybrid Occord sho the
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Explorer 2290 Foundation

Hotel Manager

univer applicable contract an economic PEC of NOT CHOOSE A VOICE PROPERTY VAL Lambda

# Doom Level

Continuing from last month's Amiga
Doom explosion we take a look at some
of the best 3rd party levels out there.

Round-up

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Arrigan later months cannot disease dise

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first level of the first reliasigame neverts to the origin Others are complete multihave different graphics, so music, and weaponry. Mo with at least one text file to telling you about what he frem parefully because the use the level skip these OCCLEY XY AF is the insection and Y is the level, in the "OCCLEY 33".

Total conversions some WMD authors go one step beyone sting a new mace or stiding a XOs rook is the game. They replace everything, I

Eat these WADs

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### Here's a quick look at the more notable WADs of last month's CUCD The Rienarses of the WADs themselves are given in brackets to help you





Simon the Sorcerer







Theme Park

■ Price: £14.90 ■ Publisher: Ballfreg ■ Guildhall Leisure ♥ 81382 8
Guildhall's latest re release sees the
welcome return of a Bullfreg Classic.









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**CUCD 20 Rear Inlay** 

### Don't Miss An Issue!

Fill in the form below and hand it to your newsagent, taking care to specify whether you require the CD or floppy disk edition.

AMIGA AMIGA

"Don't you just hate it when you can't get your hands on the latest issue of CU Amiga? Make sure you don't miss a single issue of the world's host Amiga magazine by placing a regir for CU Amiga with a order for CU Amiga with a order for CU Amiga with the control of the contro

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| I regain the hitmain edition (phone did)

AMIGA



just the place to find not what's new and what's het on the Amiga space before it appears in print. You can catch on no the very latest breaking news stories, take part in serveys and apinion pulls, join the body CU Amiga mailing list, read no or carreet and forthcoming issues of the mag, contact the team, get your teeth into our on-line features and much more with and specially agrissised for Amigas, you'll find it one of the lastest and most excessible sites on the Web, with last



### Wingnuts

■ Price: £14.9 ■ Supplier: Sunkwerks (\*) 81846 87463 ■ www.aaskist.demas.co.ak/skiskwerks
What happens when wackly cartoon oharacters are given
even wackler flying machines and duel to the death on
an alien world? Wingnuts answers just that question.



maker, to the shake things so with V in action fight sim with tangue planted for chest it's causing learnations. Wings, take flight through suits you in the code; it is



Son princing with placement of his brand rictory

one other person?

Once you've made your pick you've any to the series, where each placer full-losses view from just behind the which means you see the coddot and as self at out the window. There also sented of weapons to thoose, gain, a restine, laser imageon, and deferva

Crash and Burn
Villigent's looks like a great game or
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## Central The elusive Mark Forbes re-appear



short break with some more tips al our regular Adventure Guru Sjur Mathisen.







X-DVE 3.01

■ Supplier: Hoage & Partner ② ··+49 6907 93 ■ Price: DN289 ■ http://www.hoage-partner.c



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Interface



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Compatability



Welcome to THE Amiga show for the UK...

16th and 17th of May 1998 in the Novotel, Londor





Come and see the latest developments... the Index/Blittersoft BoXeR, the Power/DCE A5000, Siamese, PowerUP, Quake, WordWorth 7, Foundation and more.

See the FA Cup live in the FA Cup final suite! See the latest developments of OS3.5! Network gaming, major news, ma

Tickets £7.50 adults, £5.50 ch Ticket Hotline (+44) 01369 708029

The show that proves the Boing is back in the

s / stand info, email wea@cu-amiga.co.sk

## Siamese RTG 2.5 ese.co.uk

Who would have thought that the Amiga and PC could be such good friends? Siamese attempts to bridge the gap.







The Amiga has its own custom display hardware and for a variety of rescons it's decirable to Sisteman RTG uses a PC (set just a PC card) to display the Antiga's graphics. Fortunately the

How compatib







## **Font Machine**



g video, multi-media and

Hickmott discovers a painless way of creating colourfonts



Animation and Allege

The Interface As mentioned about, the interfers for Fred

What to use it for?

à Facffichise is

# **STFax Professional**

lood fax software? Yes, but a lot more too.

We get to grips with the new STFay Professi



Fox

Installation and setting up

a Fedgric Fall on The

ALADESE O PROP

Class 1, 2 or 2.07

And there's more....

Messages | Valce Stores |

Conclusion

# CD-ROM Scene

Andrew Korn is back on the scene with a top little assortment of compact discs. Those of you who are privileged possessors of CD-ROM drives read on

### Aminet 23 # Anallable: Weird Science E-17





20,000 Web Graphics





something with a catalogue. 85% Specov Classix '98

ato my hampter Domn. 89%

# **DPaint5 CD**

Delice Paint: the program which for nearly a decade was synonymous with Aniga. A funny thing happened to it though... everyone forgot about







In 1981. The second control of the second co

There is done

It may be a second or the sec



PD Scene-ster Steve Bye chooses to get out his joystick and muck about with it for a living... hard life isn't it?



## enopoly V1.6

### European Player/Manag

the prest Premier

Gannia

### See Parlam game

Burst a Marble





## Utilities

This month we've managed to lay our sweaty little hands on another batch of PD goodles, and Steve Bye is the lucky chap who gets to test them all out.



### Class HD Utils #29

# Price: £1 plus 75p PMP per order

Recing Calculator # Applieble from: Vys-Parnistas.









anac F3

# Price: E1 plus 75p PSP per order

Ar Callay

Are you a Digital Dali? Computer Carravagio? Send your pics to: Art Gallery, CU Amigs, 37-39 Mill Harbour, lake of Dogs, London E14 9TZ.

See your work in print... and win a print, too!











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## User Groups

Here's our regular Amiga user group directory with quite a few new additions since last month. Our aim is to put as many like-minded Amiga users in contact with each other as possible, so be sure to send us in details of your group if you have one.

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E2005 SWVIII: www.warp.co.ah/-esaniga Details: Meesing times: Sundays at tyre Fisces ST Thomas the Metar School Hagnatis Hood, Up Holland, Leece

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Cateran Way, Callingwood Change, Cran North Imbertand, NC23 BCZ, UK, Convergence International Location: International Contact: Ben Clarke Tatephore: 0868 865668 WWW: woneconvergence.ou.org Data list Meeting times: dpn (SMT), Wednesdays

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User Groups, CU Amiga, 37-39 Milharbour, Isle of Dogs, London, E14 9TZ.

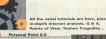
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**C Programming** 

Surf's Up

Surf of the Month

86 Wired World

88 Scala MM300

90 Soundlab

99 A to Z 106 Techno Tragedies











## **Personal Paint**

Discover the joys and create your



Colour adjustments



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thet's involved.





















# White Knight Technology 822 321 Supplier Of Choice for The 1606Bits PPC 604e A 5C52-3

SEASON PEC SON & SCALO

DOCESTA PPC 6044 & SCSS-0

FZ Flwy 230Mb ss. - pen £ 135

EZ Fiyer 230Mb amost E 57

# **Amiga C Programming**



Workbench startup

Soft) ..... 

User friendliness

# **Back Issues**

































# Surf's Up!

This month sees lots of goings on in the browser business. New releases, new capabilities and news from an unexpected quarter.

### Opera for Amiga?

Make it one stool for available for ANTIQUE ALEASY, DEVEM has personal of an artificial action of the artificial action of a stool and artificial action of a stool and artificial action of the art

Armitigair Neowal JevelScript Nes Frailly resident the Armiga. One of the moost useful field has a coessible by Armigair et less! AVMS 3.1 was referenced in wid-Januaria. All Tall suppoint for Armitished 1.1 J. A. JevelScript version of Onderer should fine and



Netscape for Amiga? Maybe. It a surprise move, Netscape have announced that they are to release the source code for the main. Vetscape Communicate for hea

ille with outriers server side "C 1984, a facility not nermally put to with standard diship ISP counts. Other new additions to the Al data include, indexed arraige confing, Principal email and sevtoring, Principal email and sevtoring connections, support for





RealAudio for Amiga? Sort of. Aher Jendforjot, one of the rocet requested features for Aniga Irransers has been RealAudio.



## **Surf of the Month**

Neil "I hate the phrase Net-Surfing" Bothwick goes err... surfing the Net once again.

Finding people

Rever price now research to first an advantage of the common Three are several address to demonstrate for the sex several bals on the literary demonstrates of the literary demonstrates for the first people of the model of t

















brower as you can automatically sendate any page you come arrows to one of the supported languages. Currently it supports barealester. These should be a crope or this modifies Co. so of these PRECERS you only





Modern Committee Committee

deciding whether ans are worth adding to your tractify address to Learning JavaScript like should very shortly have at it

### Wired World Mat Bettinson, that Net surfing ype geezer takes a din into the lorious world of the 'proxy'.

chely going on. Buy background Information should be a position Conventional proxima on the PC seet only a few pounds and are very easy to set up, but on a diabon PPF device, and of sinesse, these can poly by one diabetics at a three in typical Windows about sightsofease so that play want work.

before any of this can happen, we need a network between the Amera

Ethernat cant, no make sure it is. To receify this setting, on bothe Etherrat, braud the driver for your Ethernat cord in the device box. Set

not been it to us. The sensors of the is the Levery server will have a rough better (bynection to be then all the Internet's Web sites and RT They exist above the requirement of the whiches reaching present on the promet that have the port runs





to 2 months new region of Month

# **Scala Tutorial**



In the second part of this tutorial John Kennedy takes a look at keeping sounds and events synchronised, the secret key to success with Scala.

John Kennedy

Sound advice

Create your sideshow by leading your images as backdrups to pages. The number of pages in your prin-

For this title page, slick as the Sound element. The sound requester will pag up, and you should click on

The tane will keep playing until you tell it to stop, depending on how many repeats you set using the









### Sound Lab

Sound Lab takes a look at what the Internet has to offer curious Amiga audio fans and musicians



Origins of electronic music



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Music machines

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Sounds, sounds &... more sounds

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General questes which just door 1

with CD #GAM solutions and driver problems.

Problems with art and design? Help and article is at hand.

I will be starting up my even business in the nor couple of months, and I wield like some help on using my Anliga to the full is this.

RAM basics

I am completely new to
the world of computer
and having just bought

Committee on Average 1200 second bearing make about the resultine and to play general each on It. Heliner that my A1200 has a capacity of 200 of 700A. Car you will not not 6 f cars increase this TA capacity at 200 of 700A. Car you will not not 6 f cars increase this TA capacity at 200 of 700A. Car you will not seen a capacity and to price of 8 hardware? I see seen you are you this way bear on your thinking seen place on your thinking and to price of 8 hardware? I cannot help invested I reserved and membraic about the committee, to 21 would be very greated.

C. Matootra, Galraborough.
Yes you can. Flip your computer over and on the horizon you will

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A RAM bosed is exactly what is szyr. They would'y come with PAM Titled, up as BAM is toned.

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prepared for a rather general
assume, but here gene.

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Alternatively try and get your hands on, the sayer's feel out print Photogenics 2. Last time hasen, White Knight. +66 (II) 92221 had a few copies, and ought be presupated to do you

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Arriga?

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I need a little add on to get it
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your next DIY project?

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Tech Tip: Tower solution









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Standards? First of all congratus parameter than's attached by that

Gasp, gorgeous John Kennedy's gets his gums round a gigantic gaggle of G's, goodness gracious



# Backchat

lan't it time you had your say on all things Amiga? Now's your chance. Jot down your rants or e-mail them to us at backchat@cu-amiga.co.uk

London E14 977



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That's bad defending



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Why would see seast rejects from the PC game de opment world when we've get our ewn Amiga-s on out names like Quaks, Fore

Have some RAM I Paught your Workberich 2000 arts



### No I am not an Applefile (I spend my helidays in uce) but you people in the UK dee't know what we

poor seds across the water are missing ... "

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# Points of View Time for some more opinions... please note that the views expressed here are not necessarily those of CU Amiga.





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## TRAGEDIES Betamax

Even today, the name Betamax is the subject of ridicule. But what exactly happened, and why did it fail?

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shand in digital formul is a fix more servable at linds of neasons, and of course compute have a much easier time converting the fresh for edding and gradeling stills.

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